

## MD iMap Technical Committee Meeting Minutes

Place: Maryland Department of the Environment (MDE): Terra Conference Room (Baltimore, MD)  
Date: 8/7/12  
Time: 1:00 PM – 3:00 PM  
Attendees: Rowland Agbede (MDA), Jim Cannistra (MDP), Kevin Coyne (DNR), Mary Creamer (ESRGC), Kaushik Dutta (MDtA), Matt Folley (MDP), Julia Fischer (DoIT), David Gillum (Anne Arundel County), Jason Keppler (DoIT), Renee King (MDP), Barney Krucoff (GIO), Kate Majchrzak (MDE), Anthony Puzzo (Esri), Frank Siano (MDE) and Missy Valentino (CGIS)

### AGENDA:

- Introductions 1:00 – 1:10
- ESRI UC Follow-Up – *Barney Krucoff & Jim Cannistra* 1:10 – 1:45
- MDP Applications – *Jim Cannistra* 1:45 – 2:00
- Application Subcommittee Updates 2:00 – 2:10
- Data and Resources Subcommittee Updates 2:10 – 2:20
- Outreach Subcommittee Updates 2:20 – 2:30
- Security Subcommittee Updates 2:30 – 2:40
- Additional Business 2:40 – 3:00

### NEW ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
MDP Applications <ul style="list-style-type: none"><li>• Generate wording for tweet, portal post and email concerning launch of these new applications</li></ul>	8/7/12	Jim Cannistra & Julia Fischer
Future Agenda Item <ul style="list-style-type: none"><li>• Bring a regular report to the meeting about what credits are being used and discuss what to publish, etc.</li></ul>	8/7/12	GIO & Co-Chairs

### ON-GOING ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
MDP Evaluation of City Engine <ul style="list-style-type: none"><li>• Determine current status of ELA amendment and discuss with Anthony Puzzo</li></ul>	6/5/12	Deputy GIO &

		Jim Cannistra
Central License Server <ul style="list-style-type: none"> <li>• Anyone else using? – DNR, MDOT changing firewall, Port Transit</li> <li>• 104 licenses, 86 available</li> <li>• 2 licenses open on desktop counts as 2 in use</li> <li>• Sense of usage in a month (logging IP addresses)</li> <li>• Each agency needs to consider what happens when connection is down</li> <li>• Back up manager still needs internet</li> <li>• Contact Barney Krucoff if you want to test your agencies' accessibility to CLS</li> </ul>	Updated: 3/23/12 Submitted: 12/6/11	Technical Committee
ELA License Request Form/Website <ul style="list-style-type: none"> <li>• Website is now ready (Must have SwGi connectivity to access) <a href="https://www.doit.state.md.us/selectsurvey/TakeSurvey.aspx?SurveyID=n4LJ5n4">https://www.doit.state.md.us/selectsurvey/TakeSurvey.aspx?SurveyID=n4LJ5n4</a></li> </ul>	Updated: 2/8/12; 12/20/11; 12/6/11 Submitted: 11/1/11	GIO
ELA Renewal <ul style="list-style-type: none"> <li>• Anthony Puzzo/post openly</li> <li>• DoIT SwGi page posted</li> <li>• Post GSA price schedule for reference</li> </ul>	Updated: 3/23/12 Submitted: 11/1/11	GIO
ELA <ul style="list-style-type: none"> <li>• Provide to Executive Committee</li> <li>• Provide list of contributing agencies to MD iMap Tech Committee</li> <li>• Provide list of contributing agencies</li> </ul>	Updated: 3/23/12; 11/1/11; 8/2/11 Submitted: 7/19/11	GIO

<b>Application Subcommittee:</b>		
<b>Description:</b>	<b>Date Assigned:</b>	<b>Follow Up By:</b>
Google Earth Builder Update <ul style="list-style-type: none"> <li>• Check DoIT standards/plans for web browser utilization</li> </ul>	6/5/12	GIO
Socrata <ul style="list-style-type: none"> <li>• Next call on Friday (3/23/2012)</li> <li>• Easiest way to public from MD iMap to Socrata</li> <li>• Esri click/ship issues</li> <li>• Another method: Separate REST service for Socrata to consume</li> <li>• Explore difficult ways to publish</li> <li>• Demo GIS data options to group</li> </ul>	Updated: 3/23/12 Submitted: 3/6/12	CGIS
SwGi/Version 10.1 Migration <ul style="list-style-type: none"> <li>• 10.1 migration anticipated by January 2013 by CGIS</li> <li>• 1 meeting at CGIS</li> <li>• Not yet created design</li> </ul>	Updated: 7/17/12; 3/23/12 Submitted:	GIO

<ul style="list-style-type: none"> <li>• Invite Esri to participate in a design session</li> </ul>	3/6/12	
<p>Stronger Maryland Together Campaign</p> <ul style="list-style-type: none"> <li>• Blog URL from Ashley Buzzeo, document from CGIS</li> <li>• MSGIC Quarterly June</li> <li>• Write synopsis of process and see if update manual can be shared with the group</li> </ul>	<p>Updated: 3/23/12; 11/15/11</p> <p>Submitted: 11/1/11</p>	Michael Bentivegna
<p>Future of Flex Programming</p> <ul style="list-style-type: none"> <li>• Approach Steven Anderson (Axis Geospatial) about presenting his pros/cons presentation to the group</li> </ul>	<p>Submitted: 11/1/11</p>	Jim Cannistra
<p>Application Specific Services</p> <ul style="list-style-type: none"> <li>• Facilitate a discussion with CGIS concerning potential options for map service storage and organization</li> </ul>	<p>Updated: 11/1/11</p> <p>Submitted: 7/5/11</p>	GIO
<p>Application Submission Procedures</p> <ul style="list-style-type: none"> <li>• Update detailed procedures for application creation and update</li> <li>• Resend Application Submission Procedures draft to Technical Committee (Co-chairs)</li> </ul>	<p>Submitted: 6/21/11</p>	Technical Committee
<p>License Agreement in regards to Code Sharing</p> <ul style="list-style-type: none"> <li>• Brian Sivak wants applications and their code to be in the public domain and freely available for sharing</li> <li>• Awaiting response from Kenny Miller concerning how to proceed</li> <li>• Check with Brian Sivak for comment concerning whether to code share through MD iMap Portal or another open source repository</li> </ul>	<p>Updated: 11/1/11; 7/5/11; 6/21/11</p> <p>Submitted: 6/7/11</p>	GIO
<p>Code Acquisition for MD iMap Portal</p> <ul style="list-style-type: none"> <li>• Provide updated worksheet to Kenny Miller for review, after updates have been applied (Kaushik Dutta)</li> <li>• Development Code Worksheet Generated (Kaushik Dutta)</li> <li>• Date of Launch – add this additional column and information to worksheet (Kaushik Dutta)</li> <li>• Work on filling in missing information (Kaushik Dutta &amp; Kenny Miller)</li> <li>• Meeting to be scheduled to discuss next steps</li> <li>• Excel spreadsheet inventory being produced by CGIS and MES</li> <li>• Actively being pursued</li> <li>• Obtain Flex code from CGIS and MES for MD iMap-based applications</li> </ul>	<p>Updated: 7/5/11; 6/7/11; 1/4/11; 12/21/10; 12/7/10; 11/16/10</p> <p>Submitted: 10/19/10</p>	Kaushik Dutta Kenny Miller

<b>Data &amp; Resources Subcommittee:</b>		
<b>Description:</b>	<b>Date Assigned:</b>	<b>Follow Up By:</b>
Topography Updates	6/5/12	GIO

<ul style="list-style-type: none"> <li>Share Salisbury map service URL with the group</li> </ul>		
REST Endpoint Service Descriptions <ul style="list-style-type: none"> <li>Any changes that need to be made to these descriptions or legends should be submitted to Ashley Buzzeo</li> </ul>	Submitted: 12/20/11	MD iMap Service Data Owners
WFS-Enabled OSPREY Services <ul style="list-style-type: none"> <li>Ownership in question</li> <li>Follow up with owners of OSPREY data to determine if layers can be WFS-enabled</li> </ul>	Updated: 3/23/12 Submitted: 12/6/11	Kenny Miller
Log Package Acquisition <ul style="list-style-type: none"> <li>Provide package name and cost for next meeting</li> </ul>	Submitted: 12/6/11	Michael Bentivegna
NAIP 2011 Imagery <ul style="list-style-type: none"> <li>Sent to CGIS and posted</li> <li>Check that DNR has this information to be posted on MD iMap</li> </ul>	Updated: 3/23/12 Submitted: 12/6/11	Kevin Coyne
GreenPrint Mapping Application <ul style="list-style-type: none"> <li>Follow up with Ashley Buzzeo</li> <li>Determine if GreenPrint version on MD iMap infrastructure can be removed</li> </ul>	Submitted: 11/15/11	Kevin Coyne
Data Submission Policy Updates: <ul style="list-style-type: none"> <li>Add “Update frequency, “Last updated” and “WFS-enable: Y/N” in Data Submission Policy</li> </ul>	Submitted: 10/4/2011	Data and Resources Subcommittee
SHA Basemap <ul style="list-style-type: none"> <li>Labeling issue resolved</li> <li>Water issue being reviewed</li> <li>Cache being reviewed by SHA, awaiting their response</li> <li>MXD being generated, cache to follow</li> <li>Obtain information from SHA, re-cache and add as map service to MD iMap</li> </ul>	Updated: 3/23/12; 3/6/12; 12/6/11 Submitted: 10/4/11	Ashley Buzzeo
GIS/Archives Appraisal Questions <ul style="list-style-type: none"> <li>Distribute survey to as many municipal, county and state agencies, as possible, for potential participation</li> </ul>	Submitted: 7/5/11	Technical Committee
Feedback/Requests concerning MD iMap <ul style="list-style-type: none"> <li>Still updating</li> <li>Add Plat # to parcel</li> <li>Maybe add address</li> <li>Add PFA in/out: resistance to this update</li> <li>Check for hillshade, which can be added as map service, @ MDP</li> <li>Add Hillshade Service: Inquire at DNR if they have a hillshade available – to check</li> <li>Add Map/Parcel ID Look-Up: Follow up with requestor (Jason Zhao – MDE) to clarify request</li> </ul>	Updated: 3/23/12; 10/4/11  Submitted: 6/7/11	Jim Cannistra
“Political Boundaries” Map Service <ul style="list-style-type: none"> <li>MXD and data submitted by Cindy Powell at DNR</li> </ul>	Updated: 10/4/11	Ashley Buzzeo Brad Wolters

<ul style="list-style-type: none"> <li>MXD modified in May 2011</li> <li>Review the “Political Boundaries” map service, determine the source and last update date</li> </ul>	Submitted: 6/7/11	
Point of Interest/Place Name Geocoder <ul style="list-style-type: none"> <li>Ashley Buzzeo will work with Brad Wolters to determine if this composite geocoder will meet these additional search criteria needs</li> </ul>	Submitted: 1/18/11	Ashley Buzzeo Brad Wolters
WFS Services <ul style="list-style-type: none"> <li>Top 10 list to be assembled during next Data &amp; Resources Subcommittee meeting</li> <li>List of enable services, email to group</li> </ul>	Updated: 4/5/11  Submitted: 3/15/11	Ashley Buzzeo Data & Resources Subcommittee
Web Mercator Data Service Projection <ul style="list-style-type: none"> <li>Need to move projections to Web Mercator</li> <li>Per MES, EMMA replacement will use Web Mercator projection</li> <li>Assess costs in labor and storage for creation of MD iMap data services (except imagery) in Web Mercator projection – Will determine with DNR &amp; CSSC (lots of variables: migration to 10, etc.)</li> </ul>	Updated: 3/6/12; 10/4/11; 4/5/11  Submitted: 1/4/11	CGIS
Metadata Services <ul style="list-style-type: none"> <li>Forward electronic list to group</li> <li>Updated list to be provided by Friday, 1/7/2011</li> <li>Updated list to be provided at 1/4/2011 meeting</li> <li>Remaining “offenders” actively being pursued</li> <li>Resend email to “offenders” to complete metadata</li> <li>Email resent and follow-up by Kenny Miller to occur</li> <li>MDP has provided metadata for all their services on MD iMap</li> <li>Follow-up concerning how to obtain the missing metadata for services currently being hosted on MD iMap</li> <li>Email sent to Kenny</li> <li>Agency leads from Tech. Comm. to make progress <ul style="list-style-type: none"> <li>Direct contact of data owners</li> </ul> </li> <li>A listing of services for which metadata is needed was provided. It was discussed that some metadata may not be available from the data producers. This is especially true for parcel data. Metadata at the service level will be written by MDP for parcel data to go along with the MD iMap refresh process</li> </ul>	Updated: 1/18/11; 1/4/11; 12/21/10; 10/5/10; 8/3/10; 7/12/10; 6/22/10; 5/18/10  Submitted: 4/20/10	Data & Resources Subcommittee Co-chairs
Basemap Template Upgrade/Gazetteer Service Update <ul style="list-style-type: none"> <li>Review and provide feedback to Ashley Buzzeo (Technical Committee)</li> <li>Provide hours concerning clean-up, update and reaching of this layer (Ashley Buzzeo)</li> <li>Submit additional comments for updates to Ashley Buzzeo</li> <li>Obtain most up-to-date county boundary from SHA</li> </ul>	Updated: 6/7/11; 4/5/11; 1/4/11; 12/21/10  Submitted:	CGIS Data & Resources Subcommittee Technical Committee

<ul style="list-style-type: none"> <li>• Add state and county boundaries and Interstate and US Highways for all states adjacent to Maryland and NJ</li> <li>• Comments for changes should be sent to Ashley Buzzeo</li> <li>• Meeting to be scheduled to discuss next steps</li> <li>• Upgrade basemap using Esri template</li> </ul>	10/19/10	
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<b>Education &amp; Outreach Subcommittee:</b>		
<b>Description:</b>	<b>Date Assigned:</b>	<b>Follow Up By:</b>
Twitter/Communication Plan <ul style="list-style-type: none"> <li>• List of every CIO for inclusion on email alerts</li> </ul>	Submitted: 11/15/11	GIO
<ul style="list-style-type: none"> <li>• Link to Merlin needs to be added to MD iMap Portal webpage</li> </ul>	Submitted: 12/21/10	Lisa Lowe
<ul style="list-style-type: none"> <li>• Discuss with Broadband Team concerning functionality and code availability</li> <li>• Discuss adding a feedback button to MD iMap Portal webpage</li> </ul>	Updated: 10/4/11  Submitted: 12/21/10	Outreach Subcommittee Lisa Lowe
<ul style="list-style-type: none"> <li>• Recruit participants</li> <li>• Obtain feedback concerning how to improve upon current outreach strategies</li> <li>• Email potential new members directly</li> </ul>	Updated: 5/18/10; 4/20/10  Submitted: 3/16/10	Outreach Subcommittee
<ul style="list-style-type: none"> <li>• Proactive Marketing of MD iMap</li> </ul>	Submitted: 9/21/10	Outreach Subcommittee

<b>Security Subcommittee:</b>		
<b>Description:</b>	<b>Date Assigned:</b>	<b>Follow Up By:</b>
Charter <ul style="list-style-type: none"> <li>• Generate a charter</li> </ul>	Submitted: 12/7/10	Security Subcommittee
Security Model <ul style="list-style-type: none"> <li>• On hold for funding availability</li> <li>• <del>Provide a copy of MD iMap Security Presentation to Brian Sivak (Jim Cannistra)</del></li> <li>• <del>Price quotes from proposal submission to be updated</del></li> <li>• <del>Additional documentation needed to address: <ul style="list-style-type: none"> <li>○ <del>Cost of Delay</del></li> <li>○ <del>Justification of security (limitations, efficiencies)</del></li> <li>○ <del>Needs Assessment to determine groups and definitions</del></li> </ul> </del></li> <li>• <del>Schedule meeting for Friday, October 22, 2010 to formalize document and format presentation for October 27, 2010 Exec. Comm. meeting</del></li> <li>• <del>Generate detailed document and presentation for October 27, 2010</del></li> </ul>	Updated: 6/7/11; 3/1/11; 10/27/10; 10/19/10; 9/21/10  Submitted: 8/3/10	Security Subcommittee

<del>Exec. Comm. meeting</del> <ul style="list-style-type: none"> <li><del>Document for presentation to Exec. Comm. at Oct. meeting</del></li> <li><del>Demo accompanying document to Exec. Comm. at Oct. meeting</del></li> <li><del>In progress, to be submitted by next Tech. Comm. meeting (10/5/10)</del></li> </ul>		
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#### COMPLETED ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
Google Earth Builder Update Response: JavaScript/HTML5 <ul style="list-style-type: none"> <li>Check MDtA CIO standards/plans for web browser utilization</li> </ul>	6/5/12	Kaushik Dutta
Google Earth Builder <ul style="list-style-type: none"> <li>Rowland Agbede &amp; Brad Wolters to be provided username and passwords</li> </ul>	6/5/12	Kaushik Dutta
Google Earth Builder <ul style="list-style-type: none"> <li>Rowland, Brad and Julia Fischer to test accessibility and performance</li> </ul>	6/5/12	Rowland Agbede, Brad Wolters & Julia Fischer
Invite Greg Slater to July MD iMap Meeting	6/5/12	Co-Chairs
Support of StateStat Application (Capital Budget & ARRA applications) <ul style="list-style-type: none"> <li>Graph of hours/budget of efforts to support these applications (CGIS)</li> <li>Provide an understanding of when support crosses from normal, budgeted attention to custodian of application needs to be charged extra because of rush charge, etc. (CGIS)</li> </ul>	Submitted: 6/21/11	CGIS
Loading 2011 Imagery <ul style="list-style-type: none"> <li>Will need to verify that the visual quality of .jpgs is as good as .tiffs</li> </ul>	Submitted: 12/6/11	Jim Cannistra
WGS Basemap from OSPREY <ul style="list-style-type: none"> <li>Using Esri basemap</li> <li>Check to determine status of providing this basemap via MD iMap</li> </ul>	Updated: 3/23/12 Submitted: 10/4/2011	Data and Resources Subcommittee
Developer Contact List <ul style="list-style-type: none"> <li>Find most recent version</li> <li>Submitted to Deputy GIO</li> </ul>	Updated: 3/23/12; 9/20/11; 4/5/11; 12/21/10  Submitted: 11/16/10	Application Subcommittee Kaushik Dutta

#### Introductions:

*Round-the-room*

## **ESRI UC Follow-Up – *Barney Krucoff & Jim Cannistra***

### ArcGIS in Microsoft Office

- Esri Maps plug-in within Excel and PowerPoint
- Need an ArcGIS Online for Organization account
- Version 1.0 currently available
  - To be updated Fall 2012

### Transportation Data

- Esri has added into ArcGIS Online transportation data that is networked for routing and with live traffic
- Wipes a project off of the to do list
- Navtech data
- To use this data will cost the State some of its credits
  - Don't yet know how many credits
  - Each credit is worth 10cents
  - Unit of purchase under ELA
  - As a committee we need to see what tools we have to monitor the usage
    - Does an agency know that their actions are causing to spend a lot of these credits?
    - How should this be monitored? How/When should an agency be notified?
  - Far, for now, from consuming the maximum amount we could consume from the Cloud
  - In regards to procurement, we have to make sure our purchases are not increasing in dollar value
    - Will need to see if there are ways we can trade off within the ELA
    - Can we give up one service/tool to obtain another service/tools
    - Have to work inside to constraints of the existing procurement dollar amount
  - Storage, hosting or bandwidth – credits pay for these (1Gb of storage space per credit, for example)
    - Geocoding or publishing feature services are the bigger users of these credits
  - Maryland ELA covers unlimited user ids
  - Dashboard built into ArcGIS Online administrators can get reports on credit usage
    - Determine who is publishing
    - Working on calculators and scenarios for predicting number of credits actions would cost
  - In the future be able to swap out a local geocoder for ArcGIS Online, so you don't hit the Cloud each time for geocoding

### Exhibit Hall

- Amazon hosting in the Cloud
  - Hardware and data at CGIS
  - Want to setup a 10.1 environment, allows for more redundancy and security
  - CGIS to have a task order to design this
  - Might be able to get some help from Amazon
- Dewberry offering services through WISCA – purchasing consortium option
  - Buy cloud services through WISCA
  - ESRI, Dell, Northrup Grumman...
- Some willingness out of Amazon to help us design this process, along with GIO Office, CGIS and Esri
- Need to get the MOU in place with GIO Office (DoIT and DNR money) with CGIS and State



- Gone through DNR and awaiting sending to CGIS for finalization

## ELA

- Good meetings concerning this topic
- Had some trouble adding ArcGIS Online into ELA
  - Lawyers want to see it as a no cost option, but these are credits option
- Hard to put a number of how much will be spent overall
- “All we can eat” for a limited period of time because contract value cannot be modified without a lot of hassle and involvement of Procurement, etc.

## Native versus JavaScript/HTML5 viewer

- This is the way we want to go, they are multi-platform
- Native viewers are really pretty and coming up with some new ways of publishing maps and detecting what system is being used and asks for a download to be done
  - Visually compelling
  - State of Oregon has a good example
- Possibility to exchange code with Oregon to explore further
- Test to publish in one viewer and deploy to the others and determine how the process needs to be completed

## SharePoint Integration

- Few reasons now to go to a print product
- Go around with a “no .pdf” slogan, instead publish as interactive map using ArcGIS Online
- There may still be good reasons for making a .pdf, but want to think about whether this could be an interactive map instead

## Esri Business Model

- Moving toward more ArcGIS Online for Organizations
- Personal accounts will be discontinued at some time – end of March 2013
  - Changing so that everything made in personal account will be shared publicly
  - No groups available
  - Historic stuff will be shared publicly potentially, not sure of the details yet
- Clear we need to get on with how we manage and roll out this resource
- Overall great conference, 4 people from MDP were sent
- Each of the group came from a different perspective and brought a well-rounded approach to the experience
- Encourage all to go

## Parcel Fabric and land Information Systems Model

- Wanted to see if we wanted to push towards this
- Maryland has lots of different counties all with their own design
- Model offers what benefits?
  - Robust set of tools for a county which is just starting with their conversion process
  - Level of effort to get to the fabric now, versus the benefits aren't there

- No Maryland counties are moving toward the parcel fabric at present
  - City of Gaithersburg has adopted the parcel fabric
- Want to implement the fabric as an R&D effort for one of the counties in the future
- There are good tools and standardization of the land information system model are positive

## LiDAR

- Some of the best sessions attended
- Significant enhancement with 10.1 version to handle large volumes of LiDAR data
- LAS format (binary format) data was brought in and was able to get a county in pretty quickly
  - Quick response
  - Created a TIN, generated contours and dealing with the LiDAR points were all very quickly done with quick response
  - Doesn't do automated classifications or editing, but from a general user perspective it covers all of the bases
  - Mike Scott and Art Lembo are doing CUDA modeling on graphics cards and getting great results
  - SP1 – 64bit GP processing which will speed the process even more – end of September

## ArcGIS Online

- Use of ArcGIS Online over the past year has advanced considerably
- Clear that the templates are going to grow and expand, the list of templates continues to grow
- Application side – more and more people are developing quick applications with short deployments, content specific

## Web map:

- Like an .mxd file but it lives in the Cloud environment, now preferred unit of sharing
- Publish out of desktop, consume in other places
- Has two things – basemaps and pointers to map services and maybe some other parameters
- Publishing is quick and easy
- New thing that's not OGC vetted
- Can't just publish as a web map, because this can limit the audience we can hit with this information, Esri familiar only
- Esri Maps for IBM Cognos

## Fall Release (Mid-November)

- Series of configurable viewers for desktop, web and mobile (native)
- Taking lists and widgets and other items/components of application, share through ArcGIS Online group or account
- Beta in September
- Widgets which are in there for mobile are using runtime API, which will be a preset list
- Windows viewer, developed with WPF, which would allow for widgets to be written and added to the available list
- Viewer is now a plug-in

- Something to consider at the beginning where people don't have the ability or interest in downloading a plug-in onto their local machine

### 3D

- Been investigating CityEngine
- Direction MDP is taking in consistent with Esri, investing a lot of resources
  - Interest in large areas and not interested in developing detailed urban corridors matches up
- Another version to be released in the Fall
- Would like MDP to be a beta tester if possible

### Amazon

- Cost savings of data hosting is dramatic
  - Tips and tricks on how to save money

### 10.1 Server side is about 80% new

- Most dramatic change of any of the products
- Some backward compatibility issues have changed the thoughts on how to deploy system wide
  - Make sure to have a plan b because there have been some road blocks
- Tips and tricks for 3D/City Engine for building out a small area in a county
- 10.1 caching session – shows an entire dataset being cached in 10 minutes – much quicker
- Flex applications are still being built and a lot look very good
  - To be support for at least the next 3 – 4 years
  - More robust applications are still developed in flex
  - Native applications built for mobile devices to provide the same user experience
- FlexBuilder is also being used in a similar manner by other third party companies which are building wizard driven application builders

### Over 15,000 attendees

- 30% were first time attendees
- Federal was down almost 50%
- Exhibit area was dominated by defense and public safety
- A lot of new start-up companies were in the exhibit hall – CloudTrigger.com for example
  - Business partners doing different things that want to bring GIS into their products
  - A lot of product integrators rather than companies which are building whatever you want to meet your needs
- How are we going to be monitoring what is being put up to ArcGIS Online
  - See what we can get out of the dashboard, see what else we need in addition to what this shows

### **MDP Applications – *Jim Cannistra***

Four applications that are being launched

- Septic Application – live now, go to MDP web page

- Describes information around SB 236 with ArcGIS Online application, .mxd for download and text information and support
- Live for about 1 week
- ArcGIS Online has been used extensively to review layers with the counties to determine the septic boundaries
- Layers are either a map service with MD iMap or on MDP ArcGIS Server
- Working well with having collaborative meetings with counties
- Renee developed changed map applications (3)
- Not accessible from webpage yet
- All using templates from ArcGIS Online – change map looking at imagery (2007/2008 – 2010/2011)
  - Slider bar to see what has changed and what hasn't
- Population growth map change map
- Land use/land cover map change map
- Will have those posted on Thursday, link from Jim Cannistra to share information
- Compare maps are not inside of a state wrapper, does have MDP logo on it
- Including a link “Having trouble with the map” and an email goes to Matt Folley
  - Has been a good feedback mechanism
- MDP & MTA got recognition at Esri UC – press release available

### **Application Subcommittee Updates**

- August 21<sup>st</sup> – Google will be coming to Technical Committee meeting and set up a Webinar to share
- Data policy concerning what is secure and not secure
  - Pulled up DoIT security document concerning these policies
  - SHA did 5 projects where they identified what is publicly available and what is sensitive data
  - Working with a number of agencies to determine how to define what is sensitive data
    - What defines confidentiality of data?
    - Security policy for the State of Maryland
    - Some agencies have other restrictions/laws from Federal or grant policies along with State policies
  - Currently looking at classification of the data
    - What data inside of the bridge data can be released to the public, what needs to be secured – determining the line of sensitive/not sensitive within the data layer
    - Consider geographic scale, determine when the data is brought together with other data and additional information can be extrapolated

### **Data and Resources Subcommittee Updates**

- GreenPrint updated
- PollMap updated
- Unemployment Rates updated
- Currently waiting for the next contract to be put in place, no money to spend for CGIS services at this time

- 3 ortho tiles were discovered and a contractor has fixed those, would like to send to CGIS to replace them in the cache – Jim to send on Thurs or Fri
- Parcel .kml line might be more beneficial thicker for Google utilization specifically
  - Weren't planning on making any changes until next update – couple months from now

#### **CAP Grants**

- Done some background research, but not a lot
- Working to get a RFP written within the next few weeks
- Feature service allows you to publish a uniquely symbolized option
- Gotten to the point where some of the counties could be a feature service and some of them cannot
- Want to publish more as feature services as we move to 10.1

#### **Outreach Subcommittee Updates**

*No updates at this time*

#### **Security Subcommittee Updates**

*No updates at this time*

#### **Additional Business**

Esri Meet-Up – August 23<sup>rd</sup> – Washington, D.C.

- Posted on MSGIC LinkedIn page and Esri MUG page
- “Big Data” is the topic
- Downtown D.C. at Architecture Center

Executive Committee Meeting – 9/24/12

- Judicial Training Center if reservation can be confirmed
- Suggest some of the Executive Committee attend the Technical Committee for background